

INTERNATIONAL SEARCH REPORT

10/540172
 Rec'd PCT/PTO 17 JUN 2005
 PCT/EP 03/12886

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01J13/10 B01J13/14 A23L1/30 A23P1/04 A61K9/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01J A23L A23P A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, FSTA, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	RENARD D ET AL: "Biopolymeric colloidal carriers for encapsulation or controlled release applications." INTERNATIONAL JOURNAL OF PHARMACEUTICS (KIDLINGTON), vol. 242, no. 1-2, 2002, pages 163-166, XP002240500 21 August, 2002 ISSN: 0378-5173 page 165 -page 166; figure 3	1,2,9, 10,15
Y	WO 02 41711 A (UNILEVER PLC ;LEVER HINDUSTAN LTD (IN); UNILEVER NV (NL)) 30 May 2002 (2002-05-30)	1,2,4-6, 11,14,15
Y	page 10, line 15 - line 33; claims 1-10 --- -/-	1,2,4-6, 9-15



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

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"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

16 February 2004

Date of mailing of the international search report

02/03/2004

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/12886

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>OULD ELEYA M M ET AL: "The effects of pH on the rheology of beta -lactoglobulin/kappa -carrageenan mixed gels."</p> <p>FOOD HYDROCOLLOIDS 14 (3) 245-251 2000</p> <p>CORRESPONDENCE (REPRINT) ADDRESS, S. L. TURGEON, CENT. DE RECHERCHE EN SCI. ET TECH. DU LAIT, FAC. DES SCI. DE L'AGRIC. ET DE L'ALIMENTATION, UNIV. LAVAL, SAINTE-FOY, QUE. G1K 7P4, CANADA. TEL. +1-4, XP002240501</p> <p>paragraph '03.2!</p> <p>---</p>	1,2,4-6, 11,14,15
Y	<p>SCHMITT C ET AL: "Effect of protein aggregates on the complex coacervation between beta -lactoglobulin and acacia gum at pH 4.2."</p> <p>FOOD HYDROCOLLOIDS 14 (4) 403-413 2000</p> <p>LAB. DE PHYSICO-CHIMIE ET GENIE ALIMENTAIRES, INPL-ENSAIA, 2 AVE. DE LA FORET DE HAYE, BP 172, F-54505 VANDOEUVRE LES NANCY CEDEX, FRANCE. TEL. +33-3-83-59-58-61. FAX +33-3-83-59-58-04. E-MAIL CHR, XP002240502</p> <p>paragraphs '0001!, '3.5.2!, '0004!</p> <p>---</p>	1,2,4-6, 9-15
A	<p>US 5 691 060 A (LEVY MARIE-CHRISTINE)</p> <p>25 November 1997 (1997-11-25)</p> <p>column 1 -column 3, line 65</p> <p>examples 14-17,20</p> <p>claims 1-9,11-18</p> <p>---</p>	1-18
A	<p>US 5 952 007 A (VISSER JOHANNES ET AL)</p> <p>14 September 1999 (1999-09-14)</p> <p>column 2, line 28 -column 4, line 47;</p> <p>claims 1-7</p> <p>---</p>	1-18
A	<p>KRUIF C G DE ET AL: "Polysaccharide protein interactions."</p> <p>FOOD HYDROCOLLOIDS 15 (4-6) 555-563 2001</p> <p>DEBYE RES. INST., UNIV. OF UTRECHT, 3584 CH UTRECHT, NETHERLANDS. TEL. +31-318-659511. FAX +31-318-650400. E-MAIL C.G.DEKRUIF(A)CHEM.UU.NL, XP002240503</p> <p>paragraphs '3.1.2!-'3.1.4!</p> <p>---</p> <p>-/-</p>	1-18

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>SYRBE A ET AL: "Polymer science concepts in dairy systems - an overview of milk protein and food hydrocolloid interaction." INTERNATIONAL DAIRY JOURNAL 8 (3) 179-193 1998 NESTLE RES. CENT., BP 44, VERS-CHEZ-LES-BLANC, CH 1000 LAUSANNE 26, SWITZERLAND, XP002240504 page 180 -page 182 page 186</p> <p>----</p>	1-18
A	<p>EP 0 782 883 A (JAPAN CAPSULAR PRODUCTS INC ;AJINOMOTO KK (JP)) 9 July 1997 (1997-07-09) the whole document</p> <p>----</p>	7,8,17, 18
E	<p>EP 1 371 410 A (NIZO FOOD RES) 17 December 2003 (2003-12-17)</p> <p>column 3, paragraph 13 -column 5, paragraph 26 example 2 claims 1-10</p> <p>-----</p>	1,2, 4-15,17, 18

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